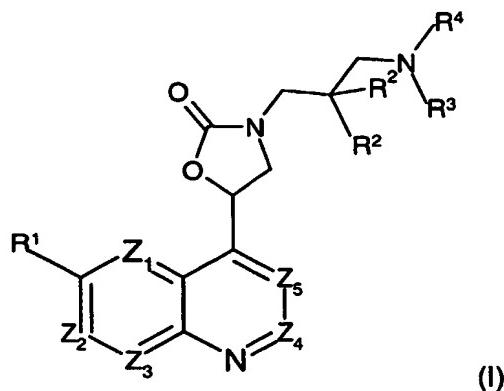


What is claimed is:

1. A compound of formula (I)

5



10 wherein:

one of Z_1 , Z_2 , Z_3 , Z_4 and Z_5 is N, one is CR^{1a} and the remainder are CH, or
one or two of Z_1 , Z_2 , Z_3 , Z_4 and Z_5 are independently CR^{1a} and the remainder are CH;

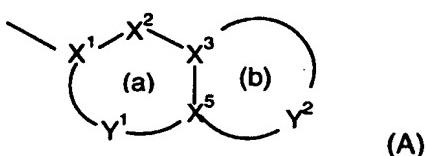
15 R^1 and R^{1a} are independently hydrogen; hydroxy; (C_{1-6})alkoxy unsubstituted or substituted by (C_{1-6})alkoxy, amino, piperidyl, guanidino or amidino any of which is optionally N-substituted by one or two (C_{1-6})alkyl, acyl or (C_{1-6})alkylsulphonyl groups, $CONH_2$, hydroxy, (C_{1-6})alkylthio, heterocyclylthio, heterocyclyloxy, arylthio, aryloxy, acylthio, acyloxy or (C_{1-6})alkylsulphonyloxy; (C_{1-6})alkoxy-substituted(C_{1-6})alkyl;
20 halogen; (C_{1-6})alkyl; (C_{1-6})alkylthio; trifluoromethyl; trifluoromethoxy; nitro; cyano; azido; acyl; acyloxy; acylthio; (C_{1-6})alkylsulphonyl; (C_{1-6})alkylsulphoxide; arylsulphonyl; arylsulphoxide or an amino, piperidyl, guanidino or amidino group optionally N-substituted by one or two (C_{1-6})alkyl, acyl or (C_{1-6})alkylsulphonyl groups; provided that when Z_1 , Z_2 , Z_3 , Z_4 and Z_5 are CR^{1a} or CH, then R^1 is not hydrogen;
25 each R^2 is independently hydrogen, OH, NH_2 , substituted or unsubstituted (C_{1-6})alkyl, or substituted or unsubstituted (C_{1-6})alkoxy;

R^3 is H, or substituted or unsubstituted (C_{1-6})alkyl;

R^4 is a group -U-R⁵ where

5 U is selected from CH_2 , C=O, and SO_2 and

R^5 is a substituted or unsubstituted aryl group, or a substituted or unsubstituted bicyclic carbocyclic or heterocyclic ring system (A):



10 containing up to four heteroatoms in each ring in which

ring (a) is aromatic and ring (b) is non-aromatic;

X^1 is C;

X^2 is N or CR⁶;

X^3 and X^5 are C;

15 Y^1 is a 0 to 3 atom linker group, each atom of which is independently selected from N and CR⁶;

Y^2 is a 2 to 6 atom linker group, each atom of Y^2 being independently selected from N, NR⁸, O, S(O)x, CO, CR⁶ and CR⁶R⁷;

20 each of R⁶ and R⁷ is independently selected from: hydrogen; (C_{1-4})alkylthio; halo; carboxy(C_{1-4})alkyl; halo(C_{1-4})alkoxy; halo(C_{1-4})alkyl; (C_{1-4})alkyl; (C_{2-4})alkenyl; (C_{1-4})alkoxycarbonyl; formyl; (C_{1-4})alkylcarbonyl; (C_{2-4})alkenyloxycarbonyl; (C_{2-4})alkenylcarbonyl; (C_{1-4})alkylcarbonyloxy; (C_{1-4})alkoxycarbonyl(C_{1-4})alkyl; hydroxy; hydroxy(C_{1-4})alkyl; mercapto(C_{1-4})alkyl; (C_{1-4})alkoxy; nitro; cyano; carboxy; amino or

25 wherein the amino group is optionally substituted by (C_{1-4})alkoxycarbonyl, (C_{1-4})alkylcarbonyl, (C_{2-4})alkenyloxycarbonyl, (C_{2-4})alkenylcarbonyl, (C_{1-4})alkyl or (C_{2-4})alkenyl and optionally further substituted by (C_{1-4})alkyl or (C_{2-4})alkenyl; or (C_{2-6})alkenyl; (C_{1-4})alkylsulphonyl; (C_{2-4})alkenylsulphonyl; or aminosulphonyl wherein the amino group is optionally mono- or di-substituted by (C_{1-4})alkyl or (C_{2-4})alkenyl;

30 aryl; aryl(C_{1-4})alkyl; aryl(C_{1-4})alkoxy;

each R⁸ is independently hydrogen; trifluoromethyl; (C₁₋₄)alkyl unsubstituted or substituted by hydroxy, (C₁₋₆)alkoxy, (C₁₋₆)alkylthio, halo or trifluoromethyl; (C₂₋₄)alkenyl; aryl; aryl (C₁₋₄)alkyl; arylcarbonyl; heteroarylcarbonyl; (C₁₋₄)alkoxycarbonyl; (C₁₋₄)alkylcarbonyl; formyl; (C₁₋₆)alkylsulphonyl; or aminocarbonyl
5 wherein the amino group is optionally substituted by (C₁₋₄)alkoxycarbonyl, (C₁₋₄)alkylcarbonyl, (C₂₋₄)alkenyloxycarbonyl, (C₂₋₄)alkenylcarbonyl, (C₁₋₄)alkyl or (C₂₋₄)alkenyl and optionally further substituted by (C₁₋₄)alkyl or (C₂₋₄)alkenyl; and
x is 0, 1, or 2; or
a pharmaceutically acceptable salt thereof.

10

2. A compound according to claim 1 wherein Z₅ is CH or N, Z₃ is CH or CF and Z₁, Z₂ and Z₄ are each CH, or Z₁ is N, Z₃ is CH or CF and Z₂, Z₄ and Z₅ are each CH.

15 3. A compound according to claim 1 wherein R¹ is methoxy and R^{1a} is H or when Z₃ is CR^{1a} it may be C-F.

4. A compound according to claim 1 wherein in the heterocyclic ring (A) Y² has 3-5 atoms including NR⁸, O or S bonded to X⁵ and NHCO bonded via N to X³, or O or
20 NH bonded to X³.

5. A compound according to claim 1 wherein R⁶ and R⁷ are independently hydrogen; hydroxy; halo; or (C₁₋₄)alkyl substituted or unsubstituted by hydroxy, (C₁₋₆)alkoxy, (C₁₋₆)alkylthio, halo or trifluoromethyl; (C₂₋₄)alkenyl; (C₁₋₄)alkoxycarbonyl.
25

6. A compound according to claim 1 wherein R⁵ is selected from 1H-Indol-2-yl, quinolin-8-ol-2-yl, 3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-yl, 4H-benzo[1,4]oxazin-3-one-6-yl, 4-Fluoro-1H-benzimidazol-2-yl, 3,6-dimethyl-3H-benzooxazol-2-one, 4H-benzo[1,4]thiazin-3-one-6-yl, 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-yl, 4-Oxo-2,3,4,5-tetrahydro-benzo[b][1,4]thiazepine-7-yl, 7-Chloro-3-oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-yl, 3-oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]oxazine-6-yl, and 4H-pyrido[3,2-b][1,4]oxazin-3-one-6-yl.
30

7. A compound according to claim 1 which is:
35 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {3-[(R)-5-(6-methoxy-

- quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 4-Oxo-2,3,4,5-tetrahydro-benzo[b][1,4]thiazepine-7-sulfonic acid {3-[(R)-5-(6-methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-sulfonic acid {3-[(R)-5-(6-methoxy-
5 quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 7-Chloro-3-oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {3-[(R)-5-(6-methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {3-[(R)-5-(8-fluoro-6-methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 10 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {3-[(R)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {3-[(S)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 3-Oxo-3,4-dihydro-2H-benzo[1,4]oxazine-6-sulfonic acid {3-[(R)-5-(6-methoxy-
15 [1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 3-Oxo-3,4-dihydro-2H-pyrido[3,2-b][1,4]thiazine-6-carboxylic acid {3-[(R)-5-(6-methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- (R)-3-{3-[(1H-Indol-2-ylmethyl)-methyl-amino]-propyl}-5-(6-methoxy-
20 quinolin-4-yl)-oxazolidin-2-one;
- (R)-3-{3-[(Benzo[1,2,5]thiadiazole-5-ylmethyl)-amino]-propyl}-5-(6-methoxy-
quinolin-4-yl)-oxazolidin-2-one;
- (R)-3-{3-[(1H-Indol-2-ylmethyl)-amino]-propyl}-5-(6-methoxy-quinolin-4-yl)-
oxazolidin-2-one;
- (R)-3-{3-[(8-Hydroxy-quinolin-2-ylmethyl)-methyl-amino]-propyl}-5-(6-methoxy-quinolin-
25 4-yl)-oxazolidin-2-one;
- (R)-3-{3-[(4-Fluoro-1H-benzimidazol-2-ylmethyl)-amino]-propyl}-5-(6-methoxy-
quinolin-4-yl)-oxazolidin-2-one;
- 6-({3-[(R)-5-(6-Methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-
methyl-4H-benzo[1,4]oxazin-3-one;

- (R)-3-{3-[(8-Hydroxy-quinolin-2-ylmethyl)-amino]-propyl}-5-(6-methoxy-quinolin-4-yl)-oxazolidin-2-one;
- (6-({3-[(R)-5-(6-Methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-benzo[1,4]thiazin-3-one;
- 5 6-({3-[(R)-5-(6-Methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-pyrido[3,2-b][1,4]oxazin-3-one;
- 6-({3-[(R)-5-(8-Fluoro-6-methoxy-quinolin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-pyrido[3,2-b][1,4]oxazin-3-one;
- 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid{3-[(R)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-2,2-dimethyl-propyl}-amide;
- 10 2,3-Dihydro-benzo[1,4]dioxine-6-sulfonic acid {3-[5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl}-amide;
- 6-({3-[5-(6-Methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;
- 15 6-({3-[5-(6-Methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-pyrido[3,2-b][1,4]oxazin-3-one;
- 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {((R)-2-hydroxy-3-[(R)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl)-amide};
- 6-({(S)-2-Hydroxy-3-[(R)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one;
- 20 3-Oxo-3,4-dihydro-2H-benzo[1,4]thiazine-6-sulfonic acid {((S)-2-hydroxy-3-[(R)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propyl)-amide}; or
- 6-({(R)-2-Hydroxy-3-[(R)-5-(6-methoxy-[1,5]naphthyridin-4-yl)-2-oxo-oxazolidin-3-yl]-propylamino}-methyl)-4H-pyrido[3,2-b][1,4]thiazin-3-one; or
- 25 a pharmaceutically acceptable salt thereof.

8. A pharmaceutical composition comprising a compound according to claim 1 and a pharmaceutically acceptable carrier.
- 30 9. A method of treating bacterial infections in mammals which comprises the administration to a mammal in need thereof an effective amount of a compound according to claim 1.